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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No. <b>4094-009</b>
		First Inventor or Application Identifier <b>John R. Richards, Ph.D., P.E.</b>
Title <b>METHOD OF PHOTOCHEMICALLY REMOVING AMMONIA FROM GAS STREAMS</b>		
(Only for new nonprovisional applications under 37 CFR § 1.53(b))		Express Mail Label No. <b>EL979044875US</b>

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08/16/03  
643862

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
<p>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 29] (preferred arrangement set forth below)           <ul style="list-style-type: none"> <li>— Descriptive title to the Invention</li> <li>— Cross References to Related Applications</li> <li>— Statement Regarding Fed sponsored R &amp; D</li> <li>— Reference to Microfiche Appendix</li> <li>— Background of the Invention</li> <li>— Brief Summary of the Invention</li> <li>— Brief Description of the Drawings (if filed)</li> <li>— Detailed Description</li> <li>— Claim(s)</li> <li>— Abstract of the Disclosure</li> </ul> </p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 2]           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 17 completed) <b>[Note Box 5 below]</b> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> </p> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>		
<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul> </p>		
<b>ACCOMPANYING APPLICATION PARTS</b>		
<p>8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>9. <input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>14. <input type="checkbox"/> *Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status still proper and desired</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input checked="" type="checkbox"/> Other: <u>Non-Publication Request</u> Express Mail Certificate</p>		
<b>*NOTE FOR ITEMS 1 &amp; 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</b>		

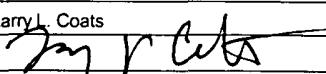
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary statement:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: 10/269,204  
Prior application information: Examiner: Edna Wong Group/Art Unit: 1753

**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label  or  Correspondence address below

NAME				
ADDRESS				
CITY		STATE		ZIP CODE
COUNTRY		TELEPHONE		FAX

Name (Print/Type)	Larry L. Coats	Registration No. (Attorney/Agent)	25,620
Signature		Date	8/18/03

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08/18/03

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1

These are the fees effective December 29, 1999.

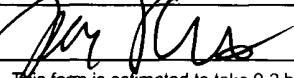
Small Entity payments must be supported by a small entity statement.  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$415.00)

Complete if Known

Application Number	*****
Filing Date	*****
First Named Inventor	John R. Richards, Ph.D., P.E.
Examiner Name	TBA
Group Art Unit	TBA
Attorney Docket No.	4094-009

METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)				
1. <input checked="" type="checkbox"/> The Commission is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number 18-1167					3. <b>ADDITIONAL FEES</b> Large Entity Small Entity Fee Fee Fee Fee Code (\$ Code (\$ Fee Description Fee Paid				
Deposit Account Name Coats & Bennett, P.L.L.C.					105	130	205	65	Surcharge - late filing fee or oath
					127	50	227	25	Surcharge - late provisional filing fee or cover sheet
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §1.18 at the Mailing of the Notice of Allowance					139	130	139	130	Non-English specification
					147	2,520	147	2,520	For filing a request for reexamination
					112	920*	112	920*	Requesting publication of SIR prior to Examiner action
					113	1,840*	113	1,840*	Requesting publication of SIR after Examination action
					115	110	215	55	Extension for reply within first month
					116	380	216	190	Extension for reply within second month
					117	870	217	435	Extension for reply within third month
					118	1,360	218	680	Extension for reply within fourth month
					128	1,850	228	925	Extension for reply within fifth month
					119	300	219	150	Notice of Appeal
					120	300	220	150	Filing a brief in support of an appeal
					121	260	221	130	Request for oral hearing
					138	1,510	138	1,510	Petition to institute a public use proceeding
					140	110	240	55	Petition to revive - unavoidable
					141	1,210	241	605	Petition to revive - unintentional
					142	1,210	242	605	Utility issue fee (or reissue)
					143	430	243	215	Design issue fee
					144	580	244	290	Plant issue fee
					122	130	122	130	Petitions to the Commissioner
					123	50	123	50	Petitions related to provisional applications
					126	240	126	240	Submission of Information Disclosure Stmt.
					581	40	581	40	Recording each patent assignment per property (times number of properties)
					146	760	246	380	40.00 Filing a submission after final rejection (37 CFR 1.129(a))
					149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))
					Other fee (specify)				
					Other fee (specify)				
					*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$40.00)

SUBMITTED BY					Complete (if applicable)	
Typed or Printed Name	Larry L. Coats				Reg. Number	25,620
Signature					Date	8/18/03
					Deposit Account User ID	18-1167

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	John R. Richards
Title	METHOD OF PHOTOCHEMICALLY REMOVING AMMONIA FROM GAS STREAMS
Attorney Docket Number	4094.009

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

8-18-2003

Date



Signature

919-854-1844

Telephone number

Larry L. Coats

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Richards et al. )  
Serial No.: Unknown )  
Filed : )  
For : **Method of Photochemically Removing**  
**Ammonia from Gas Streams** )  
Attorney's Docket No.: 4094-009 )

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**Express Mail Certification**  
**Label No. EL979044875US**

Raleigh, North Carolina  
August 18, 2003

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**EXPRESS MAIL CERTIFICATE LABEL NO. EL979044875USUS**

**DATE MAILED:** August 18, 2003

I hereby certify that the enclosed US Utility Patent Application Transmittal Form, Fee Transmittal Form (2 Copies), specification and claims, drawings (1 set of 3 sheets), Declaration and Power of Attorney, Assignment and Recordation Sheet, Non-Publication Request and our check number **09893** in the amount of **\$415.00** for the fees are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

By:

Larry L. Coats  
Registration No. 25,620

Telephone: (919) 854-1844